

Appl. No. 10/085,468
Amdt. dated August 20, 2003
Re: Notice of Allowability of July 10, 2003

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims

Claims 1-20 (canceled)

Claim 21 (currently amended): A hand-held data handling device, comprising:

a housing;

a keyboard, located on a user accessible surface of said housing, comprising a plurality of individual, user-depressible keys;

a screen input component, located on a user accessible surface of said housing, said screen input component located distinctly from said keyboard;

a visual display, located at least partially at the same location occupied by said screen input component, said visual display being capable of presenting visual information to a user[[,]]; —

an optical information sensing component, housed by said housing, capable of sensing light energy reflected from an optical indicia[[,]]; and

a computerized data handling system, located internally of said housing, coupled with said keyboard and said screen input component;

wherein said housing is of a shape and size permitting the data handling device to be hand-held and portable such that data can be input while said housing is held in a user's hand.

Claim 22 (previously presented): The hand-held data handling device of claim 21, wherein said optical information sensing component comprises an optical indicia reader.

Appl. No. 10/085,468
Amdt. dated August 20, 2003
Re: Notice of Allowability of July 10, 2003

Claim 23 (previously presented): The hand-held data handling device of claim 22, wherein said optical indicia reader comprises a bar code scanner.

Claim 24 (previously presented): The hand-held data handling device of claim 21, wherein said optical information sensing component comprises an optical communication component.

Claim 25 (previously presented): The hand-held data handling device of claim 24, wherein said optical communication component is capable of wireless communication with a computerized device.

Claim 26 (previously presented): The hand-held data handling device of claim 24, wherein said optical communication component is positioned so as to communicatively couple with a docking device when docked therewith.

Claim 27 (previously presented): The hand-held data handling device of claim 21, further comprising a wire communication component enabling the hand-held data handling device to communicate via a wired connection.

Claim 28 (previously presented): The hand-held data handling device of claim 27, wherein said wire communication component enables the hand-held data handling device to communicate via a wire-linked telephonic communication system.

Appl. No. 10/085,468
Amdt. dated August 20, 2003
Re: Notice of Allowability of July 10, 2003

Claim 29 (previously presented): The hand-held data handling device of claim 21, wherein said housing is of a shape and size permitting the hand-held data handling device to be gripped in one hand during data entry via said screen input component.

Claim 30 (previously presented): The hand-held data handling device of claim 21, wherein said housing is of a shape and size permitting the hand-held data handling device to be gripped in one hand during data entry via said keyboard.

Claim 31 (previously presented): The hand-held data handling device of claim 21, wherein said housing is of a shape and size permitting the hand-held data handling device to be gripped in one hand during use of said optical information sensing component.

Claim 32 (previously presented): The hand-held data handling device of claim 21, further comprising an information storage card.

Claim 33 (previously presented): The hand-held data handling device of claim 32, wherein said information storage card is a user-removable information storage card.

Claim 34 (previously presented): The hand-held data handling device of claim 21, wherein said screen input component comprises a touch screen.

Claim 35 (previously presented): The hand-held data handling device of claim 21, wherein said keyboard is located adjacent to said screen input component.

Appl. No. 10/085,468
Amdt. dated August 20, 2003
Re: Notice of Allowability of July 10, 2003

Claim 36 (previously presented): The hand-held data handling device of claim 21, wherein said optical information sensing component is structured to function both as a wireless communication component and as an optical indicia reader.

Claim 37 (previously presented): The hand-held data handling device of claim 36, further comprising a user-removable memory module.

Claim 38 (previously presented): The hand-held data handling device of claim 36, wherein said optical information sensing component is capable of communicating with a computerized device.

Claim 39 (previously presented): The hand-held data handling device of claim 36, wherein said optical information sensing component is positioned so as to communicatively couple with a docking device when docked therewith.

Claim 40 (previously presented): The hand-held data handling device of claim 36, wherein said optical information sensing component comprises a bar code reader.

Claim 41 (previously presented): The hand-held data handling device of claim 36, further comprising a wire communication component enabling the hand-held data handling device to communicate via a wired connection.

Appl. No. 10/085,468
Amdt. dated August 20, 2003
Re: Notice of Allowability of July 10, 2003

Claim 42 (previously presented): The hand-held data handling device of claim 41, wherein said wire communication component enables the hand-held data handling device to communicate via a wire-linked telephonic communication system.

Claim 43 (previously presented): The hand-held data handling device of claim 36, wherein said housing is of a shape and size permitting the hand-held data handling device to be gripped in one hand during data entry via said screen input component.

Claim 44 (previously presented): The hand-held data handling device of claim 36, wherein said housing is of a shape and size permitting the hand-held data handling device to be gripped in one hand during data entry via said keyboard.

Claim 45 (previously presented): The hand-held data handling device of claim 36, wherein said housing is of a shape and size permitting the hand-held data handling device to be gripped in one hand during use of said optical information sensing component.

Appl. No. 10/085,468
Amdt. dated August 20, 2003
Re: Notice of Allowability of July 10, 2003

Claim 46 (currently amended): An apparatus, comprising:

a housing;

an array of depressible keys;

a screen input system, comprising an input screen area located distinctly from said array of depressible keys, said screen input system being capable of detecting a touch to said input screen area and of determining where on said input screen area that touch has occurred;

a visual display, located at least partially at the same location occupied by said input screen area, said visual display being capable of presenting visual information to a user;

an optical information sensing component, capable of sensing light energy reflected from an optical indicia; and

a computerized processing system, communicatively coupled with said array of depressible keys, said screen input system, said visual display and said optical information sensing component;

wherein said housing is of a shape and size permitting the apparatus to be hand-held and portable such that data can be input while said housing is held in a user's hand[.,].

Claim 47 (previously presented): The apparatus of claim 46, wherein said optical information sensing component comprises an optical indicia reader capable of reading machine-readable optical indicia.

Claim 48 (previously presented): The apparatus of claim 47, wherein said optical indicia reader comprises a bar code scanner.

Appl. No. 10/085,468
Amdt. dated August 20, 2003
Re: Notice of Allowability of July 10, 2003

Claim 49 (previously presented): The apparatus of claim 46, wherein said optical information sensing component is also capable of wireless communication with a computerized device.

Claim 50 (previously presented): The apparatus of claim 46, further comprising a housing supporting said array of depressible keys, said screen input system, said visual display, said optical information sensing component and said computerized processing system;

wherein said housing is of a shape and size permitting the apparatus to be gripped in one hand during data entry via said screen input system.

Claim 51 (previously presented): The apparatus of claim 46, further comprising a housing supporting said array of depressible keys, said screen input system, said visual display, said optical information sensing component and said computerized processing system;

wherein said housing is of a shape and size permitting the apparatus to be gripped in one hand during data entry via said array of depressible keys.

Claim 52 (previously presented): The apparatus of claim 46, further comprising a housing supporting said array of depressible keys, said screen input system, said visual display, said optical information sensing component and said computerized processing system;

wherein said housing is of a shape and size permitting the apparatus to be gripped in one hand during data entry via said optical information sensing component.

Claim 53 (previously presented): The apparatus of claim 46, further comprising a user-removable data storage module.

Appl. No. 10/085,468
Amdt. dated August 20, 2003
Re: Notice of Allowability of July 10, 2003

Claim 54 (previously presented): The apparatus of claim 46, wherein said screen input system comprises a touch screen capable of sensing where on said input screen area a user has touched said input screen area.

Claim 55 (previously presented): The apparatus of claim 46, wherein said array of depressible keys is located adjacent to said input screen area.

Claim 56 (previously presented): The apparatus of claim 46, further comprising a wire communication component enabling the apparatus to communicate with a computerized device via a wired connection.

Appl. No. 10/085,468

Amdt. dated August 20, 2003

Re: Notice of Allowability of July 10, 2003

Claim 57 (currently amended): An apparatus, comprising:

- means for providing a hand-held, portable housing;
 - means for inputting data via depressible keys, located on said means for providing a hand-held, portable housing;
 - means for inputting data via a screen, located distinctly from said means for inputting data via depressible keys, said means for inputting data via a screen being supported by said means for providing a hand-held, portable housing;
 - means for displaying visual information, located at least partially at the same location occupied by said means for inputting data via a screen;
 - means for sensing optical information, supported by said means for providing a hand-held, portable housing; and
 - means for processing data, supported by said means for providing a hand-held, portable housing, said means for processing data being communicatively coupled with said means for inputting data via depressible keys, said means for inputting data via a screen, said means for displaying visual information and said means for sensing optical information;
- wherein said means for providing a hand-held, portable housing is of a shape and size permitting the apparatus to be hand-held and portable such that data can be input while said means for providing a hand-held, portable housing is held in a user's hand[[.]].

Appl. No. 10/085,468
Amdt. dated August 20, 2003
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GENERAL AUTHORIZATION UNDER 37 CFR 1.136(a)(3)

The Patent and Trademark Office is hereby authorized to treat this or any future reply that may require a petition for an extension of time, as incorporating a petition for extension of time for the appropriate length of time.

This paper is being filed within the period for response and prior to or concurrent with the payment of the issue fee. In addition, no new claims are being submitted herein. It is believed, therefore, that the filing of this paper has not generated any extension fees, extra claim fees or any other type of fees.

If it is determined, however, that fees are due in connection with this application, the Patent and Trademark Office is hereby authorized to charge any such fees under 37 CFR 1.17 to Deposit Account 14-1190.

Further, if it is determined that any other fees are due in this application or if it is determined that an overpayment has been made, the Patent and Trademark Office is hereby authorized to charge or credit Deposit Account 14-1190 as appropriate.